**Requirements for Students Matriculating in or before Academic Year 2013-2014**

**BACHELOR of SCIENCE**

**MAJOR: Secondary Education**

**OPTION: Mathematics**

**Minimum Overall Grade Point Average:** 2.50  
**Total Hours:** 124

*(cumulative graduation/retention GPA)*

*(Other GPA requirements see below.)*

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### General Education Requirement: 38 Hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Hours</th>
<th>To be selected from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition &amp; Oral Comm.</td>
<td>9</td>
<td>ENGL 1113 or 1313; &amp; 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713</td>
</tr>
<tr>
<td>American History &amp; Government</td>
<td>6</td>
<td>HIST 1103, 1483 or 1493; and POLS 1113</td>
</tr>
<tr>
<td>Analytical &amp; Quantitative Thought (A)</td>
<td>--</td>
<td>MATH 2144 is included in the Major Requirements.</td>
</tr>
<tr>
<td>Humanities (H)</td>
<td>6</td>
<td>6 hours designated (H)</td>
</tr>
<tr>
<td>Natural Sciences (N)</td>
<td>8</td>
<td>Biological science – suggested: BIOL 1114 Physical science – PHYS 1114, 1214, 2014 or 2114</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (S)</td>
<td>6</td>
<td>PSYC 1113; and ECON 1113 or SOC 1113</td>
</tr>
<tr>
<td>Diversity (D)</td>
<td>--</td>
<td>Any course designated (D)</td>
</tr>
<tr>
<td>International Dimension (I)</td>
<td>3</td>
<td>Any course designated (I) Recommended: SCFD 4913</td>
</tr>
<tr>
<td>Scientific Investigation (L)</td>
<td>--</td>
<td>Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.</td>
</tr>
</tbody>
</table>

### College/Departmental Requirement: 10 Hours

Minimum grade of “C” or “P” in each course.

Required: EDUC 1111  
Electives: 9 hours (5 hours may need to be Foreign Language)

### Major Requirements: 43 Hours

Minimum GPA 2.50 with a minimum grade of “C” or “P” in each course.

Calculus, abstract algebra, geometry  
MATH 2144  
MATH 2163  
MATH 4403  
MATH 2153  
MATH 3613

Differential equations, linear algebra, modern analysis, combinatorial math, number theory, financial mathematics.  
MATH 2233  
MATH 4663  
MATH 4713  
MATH 3013  
MATH 4013, or 4023, or 4063 or 4233, or 4453

History and Mathematical Modeling  
MATH 4033 and 4583

Statistical Methods  
STAT 4013 or 4023

Computing Science  
CS 1103 or CS 1113

### Professional Core Requirements: 33 Hours

Minimum GPA 2.50 with a minimum grade of “C” or “P” in each course.

CIED 3313 Fall Semester  
*CIED 4003 (Spring)*  
*CIED 4053 (Fall)*  
EDTC 3123  
EPSY 3213  
SCFD 3223  
SPED 3202

Student Teaching – Spring Semester only  
*CIED 4720 (9 hours)  *CIED 4724

*Full admission to Professional Education required.

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**Other Requirements:**

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of “C” or “P” in each course in the Major Requirements and Professional Core Requirements and must earn grades of “P” in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

**Additional State/OSU Requirements:** At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. Degrees that follow this plan must be completed by the end of Summer 2019.

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Signature on file in the Office of the Registrar  
DEAN

Signature on file in the Office of the Registrar  
SCHOOL HEAD

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